Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 17 Feb 2022 until 23:59 on Friday 18 Feb 2022

Forecast Issued on Wednesday 16 Feb 2022 at 15:19

Confidence: High for windy and unsettled, particularly Friday, lowering for the detail of timing of poorest conditions.

Headline for Thursday 17 Feb 2022: Showers. Summit winds strong initially.

Mountain weather hazards on Thursday 17 Feb 2022

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers (night)	Light snow showers (night)	Light snow showers (night)	Light snow showers	Sunny intervals	Light snow showers	Light snow showers (night)	Cloudy
Precipitation probability							
30%	30%	30%	30%	20%	50%	30%	10%

Forecast for Thursday 17 Feb 2022

Weather: A day of showers, with outbreaks heaviest and most frequent mid to late afternoon. Snow level around 400m by day. Showers dying away early to mid-evening, while higher cloud feeds from the west towards midnight.

Chance of cloud-free hill tops above 600m: 80-90% for any given time, but significantly lower for prolonged periods given the showery nature of the flow.

Low cloud and visibility: Good becoming moderate to very poor in showers, only a few metres in cloud with bases lowering 500m sporadically.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 17 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	43/56 W	39/52 W	36/48 W	31/42 W	29/41 W	24/33 W	22/31 W	23/32 SW	17/24 SW
300	33/47 W	31/44 W	28/41 W	24/34 W	23/36 W	17/27 W	14/23 SW	14/24 SW	11/19 S
Valley	24/48 W	22/45 W	20/40 W	18/36 W	19/36 W	14/26 W	10/22 SW	9/21 SW	7/18 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-6	2/-7	1/-8	0/-8	1/-6	1/-6	1/-6	1/-6	1/-5
300	5/-1	4/-2	3/-3	3/-3	4/-2	4/-2	4/-1	4/-1	4/-0
Valley	6/0	5/-0	4/-1	4/-1	5/0	4/-0	4/1	4/0	3/1
Freezing Level*	900m	700m	600m	600m	500m	600m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind chill effect most marketed across height peaks and though the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 16 Feb 2022	5mm	10.2mm	33mm

Forecast for Friday 18 Feb 2022

Weather: Very unsettled with Storm Eunice crossing eastwards through the north of England bringing showers or longer periods of rain and snow, heavy at times, with snow level lowering around 400m from late morning. Gradually becoming drier from the west from late afternoon and through the evening.

Maximum wind: Changeable due to the centre of the low crossing close to the region, peaking at 40-45 gust 65 mph, mainly during the afternoon.

Chance of cloud-free hill tops above 600m: 10-20%, becoming 40% late afternoon.

Low cloud and visibility: Frequently falling moderate to very poor in showers and longer periods of snow and rain, less so late in the day.

Temperature: **Valleys:** Minus Zero becoming 5 Celsius during the afternoon
At 600m: Plus 2 Celsius lowering minus 1 Celsius
Freezing level: 700m lowering 500m

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